## 157<sup>th</sup> WPI-IIIS Seminar

## Neuronal cargo transport by multiple carriers like a MIKOSHI (portable shrine) transport

Motor proteins, such as kinesin and dynein, deliver cargos packed with many kinds of materials including neurotransmitters along highway-like long axons. Our research shows that cargos were carried cooperatively by multiple motor proteins, much like a group of people working together for a MIKOSHI (portable shrine) transport for Japanese festivals! We found that increase/decrease of the number of the carriers was related to neuronal diseases.



## Dr. Kumiko Hayashi

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Date: Monday, September 9, 2019

Time: 12:00 - 13:00

Venue: 1F Auditorium, IIIS Building

